

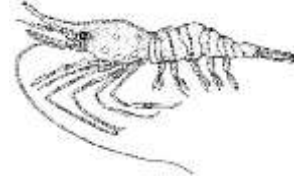
# **ALASKA DEPARTMENT OF FISH AND GAME**

## **DIVISION OF COMMERCIAL FISHERIES**

### **NEWS RELEASE**



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#### **SUMMARY OF PRINCE WILLIAM SOUND SPOT SHRIMP DATA**

The Alaska Department of Fish and Game conducts an annual longline pot survey on spot shrimp in Prince William Sound (PWS). This document provides the most current summary of our spot shrimp survey data as well as site specific survey catch data.

The figures below indicate the locations where the survey takes place (and a new site at Bald Head Cris; Figure 1), the average number of spot shrimp per pot (Figure 2) and average weight of spot shrimp per pot (Figure 3) from the entire survey from 1992 to present. Additionally, the average catch per unit effort (CPUE) of spot shrimp at each location sampled (Figure 4) and the CPUE of shrimp with carapace lengths of 32 mm or greater (Figure 5) at all locations sampled for the same time period are included. All data are presented for all sizes of spot shrimp caught in the survey as well as for those with a carapace length of 32 mm and greater, which is the portion of the population that is typically harvested and for which the commercial fishery harvest limits are set. Please contact Dr. Ken Goldman (235-1741) for research questions and Maria Wessel (424-3212) for management questions.

**-end-**

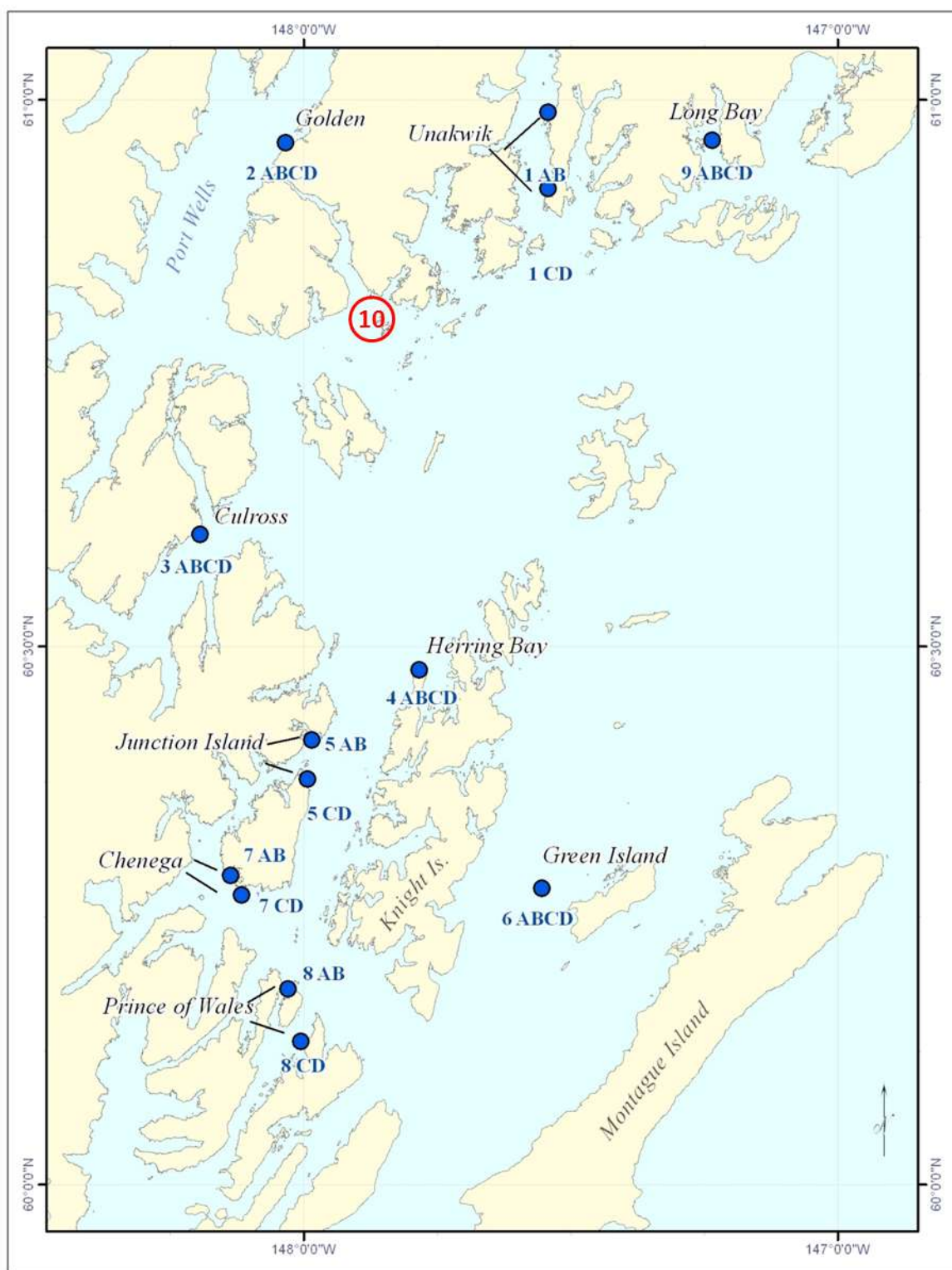


Figure 1: Spot shrimp survey sites in western Prince William Sound. Site 10, Bald Head Cris, was added in 2012.

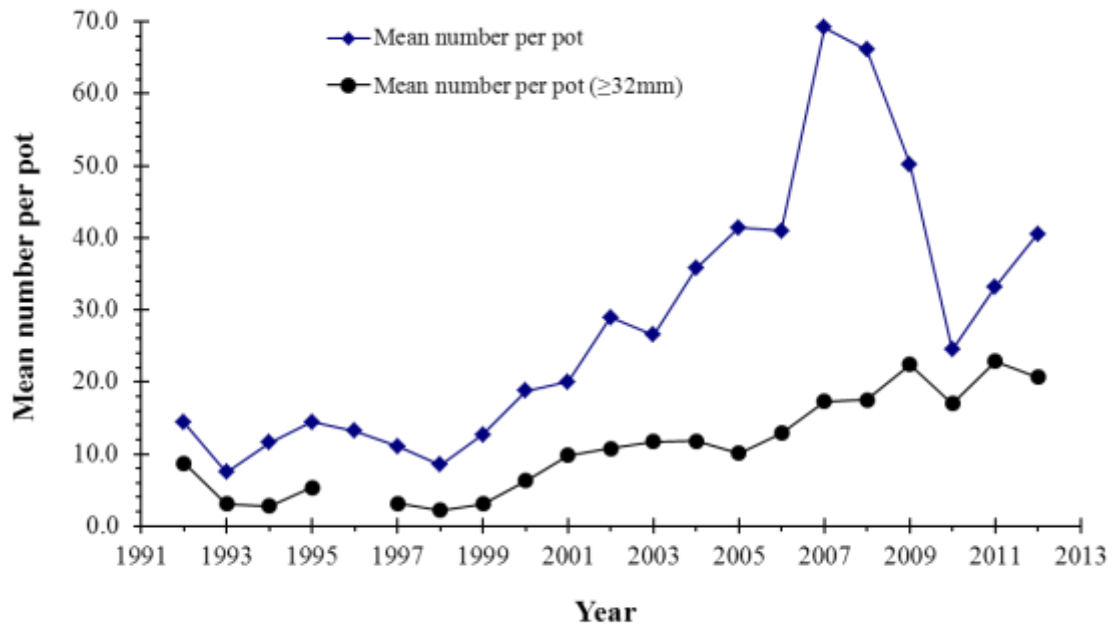


Figure 2: Mean (average) number of spot shrimp per pot and mean number of commercially marketable shrimp per pot (those equal to or greater than 32 mm in carapace length).  
*Note:* Data for spot shrimp 32mm and greater not available for 1996.

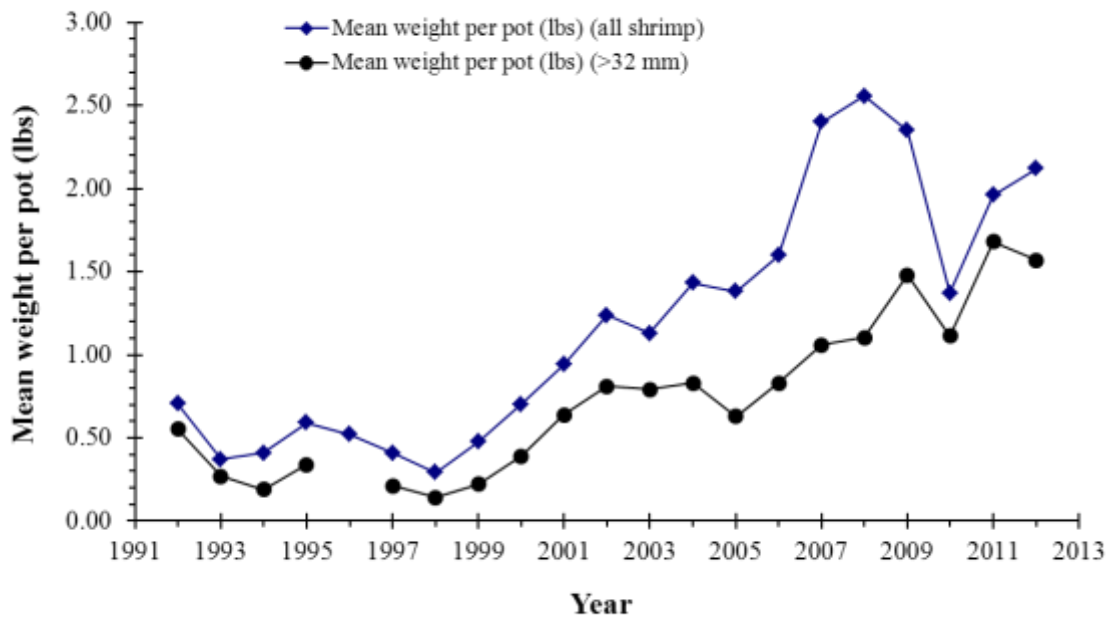


Figure 3: Mean (average) weight of spot shrimp per pot and mean weight of commercially marketable shrimp per pot (those equal to or greater than 32 mm in carapace length).  
*Note:* Data for spot shrimp 32mm and greater not available for 1996.

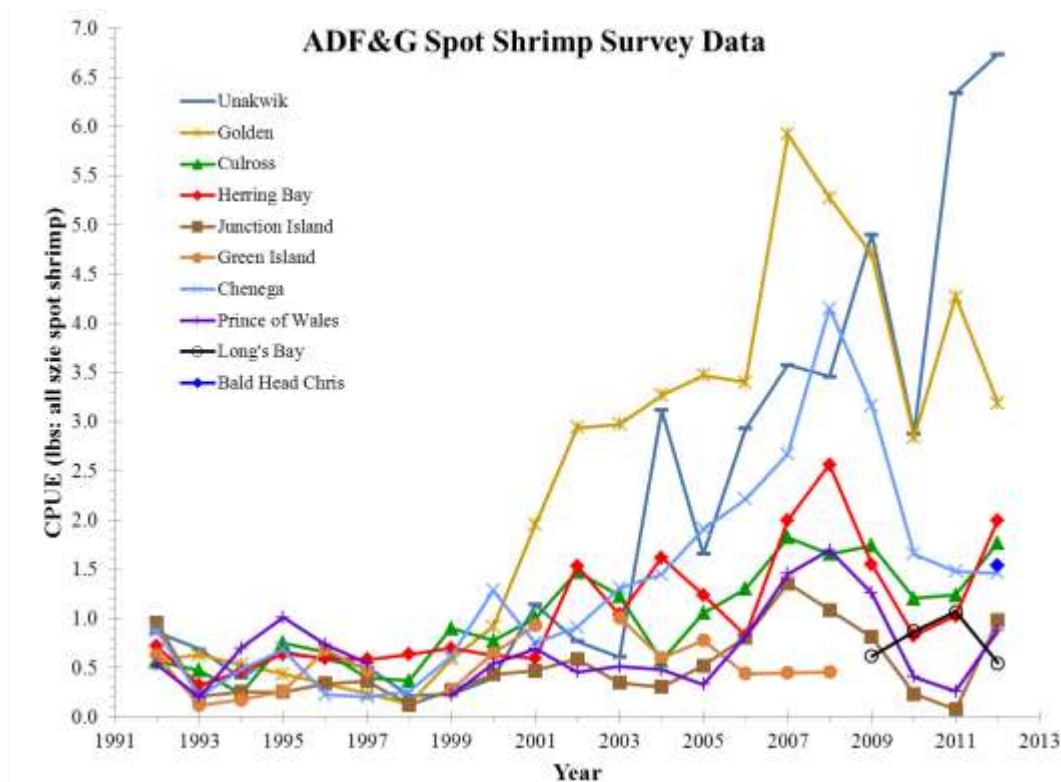


Figure 4: Catch per unit effort (CPUE) for spot shrimp of all sizes at all locations sampled.

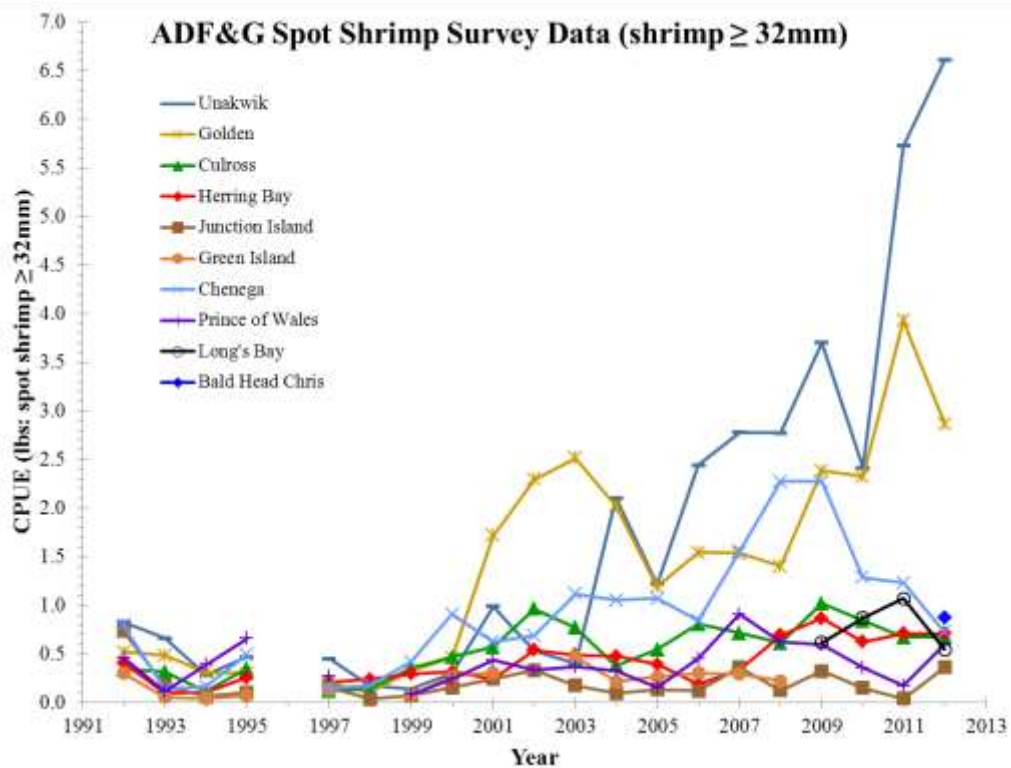


Figure 5: Catch per unit effort (CPUE) for commercially marketable spot shrimp (those equal to or greater than 32 mm in carapace length). *Note:* Data for spot shrimp 32mm and greater not available for 1996.